

Minimum Setback and Location of Septic System

LOCATION OF SEWAGE DISPOSAL SYSTEM

Minimum Horizontal Distance in Clear Required From:	Bldg. Sewer	Septic Tank	Disposal Field	Seepage Pit or Cesspool
Buildings or Structures	2 ft.	5 ft.	8 ft.	8 ft.
Property line adjoining private property	Clear	5 ft.	5 ft.	8 ft.
Water supply wells	50 ft.	100 ft.	100 ft.	150 ft.
Streams and lakes	50 ft.			to 200 ft.
Large trees	-	10 ft.	-	10 ft.
Seepage pits or cesspools	-	5 ft.	5 ft.	12 ft.
Disposal field	-	5 ft.	4 ft.	5 ft.
Domestic water line	1 ft.	5 ft.	5 ft.	5 ft.
Distribution box	-	-	5 ft.	5 ft.

* By Ordinance 2521

NOTES: When disposal fields and/or seepage pits are installed in sloping ground, the minimum horizontal distance between any part of the leaching system and ground surface shall be fifteen (15) feet.

- Including porches and steps whether covered or uncovered, breezeways, roofed porte-cocheres, roofed patios, car ports, covered walks, covered driveways and similar structures or appurtenances.
- All non-metallic drainage piping shall clear domestic water supply wells by at least fifty (50) feet. This distance may be reduced to not less than twenty-five (25) feet when approved type metallic piping is installed. Where special hazards are involved, the distance required shall be increased, as may be directed by the Health Officer or the Administrative Authority.

GENERAL INFORMATION ON SEPTIC TANKS

Septic tanks should be cleaned before too much sludge or scum is allowed to accumulate. If either the sludge or scum approaches too closely to the bottom of the outlet device, particles will be scoured into the disposal field and will clog the system. Eventually, when this happens, liquid may break through to the ground surface, and the sewage may back up in the plumbing fixtures. When a disposal field is clogged in this manner, it is not only necessary to clean the tank, but it also may be necessary to construct a new disposal field.

There are no formulas which determine how often septic tanks should be cleaned. Many have gone as long as ten years without requiring cleaning, even when servicing a garbage disposal. Others have had to be cleaned within a year. As a general rule, tanks should be inspected yearly to determine whether or not cleaning is required. There are firms which specialize in cleaning septic tanks.

The life of an absorption field will be drastically shortened if the septic tank is not operating properly. Every time that sewage which has not been properly treated in the septic tank is discharged into the field, it causes the layer of impervious material to build up with alarming rapidity. This over-all condition can be caused by an undersized tank, a one in need of cleaning.

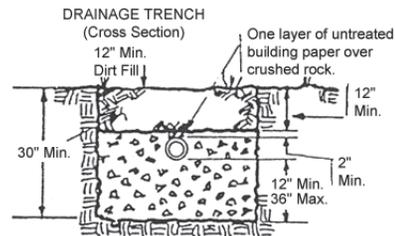
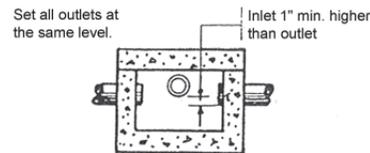
According to the U. S. Public Health Service, there are more than 1,200 additives on the market, which are claimed to aid the function of a septic system in one manner or another. As far as is known, none has proved an advantage in properly controlled tests.

Normal household waste, including that from the laundry, bath, and kitchen, should pass into a single system.

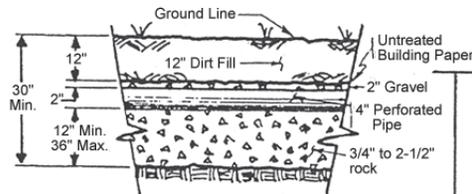
Toilet-paper substitutes should not be flushed into a septic tank. Paper towels, newspaper, wrapping paper, rags, and sticks may not decompose in the tank, and are likely to lead to clogging of the plumbing and disposal system.

Soil conditions in some areas are unsuitable for septic tank system, particularly in the mountain areas. Percolation tests determine the acceptability of the soil and the size and design of the subsurface disposal system.

DISTRIBUTION BOX



DRAINAGE TRENCH (Longitudinal Section)



NOTE A: Add two (2) feet to this dimension for each additional foot of gravel below the twelve (12) inch gravel bed in trench.

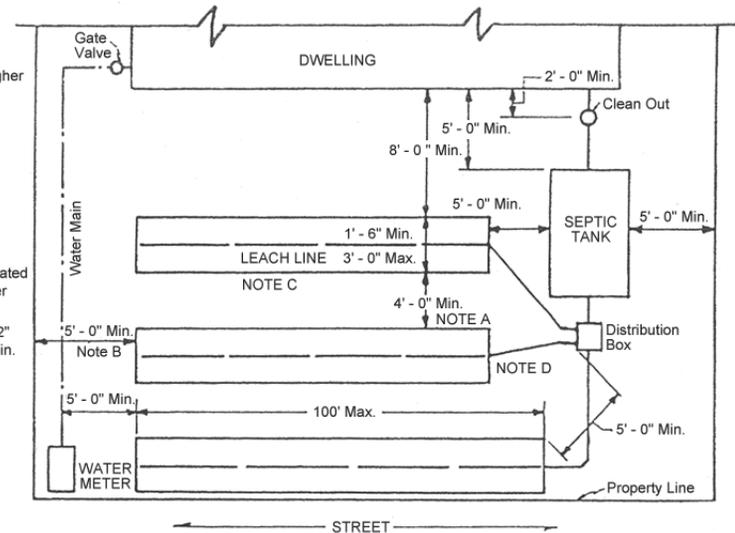
NOTE B: Where no water main exists, the leach line or seepage pit may be located a minimum of five (5) feet from side property line.

NOTE C: Leach line must contain at least one hundred and fifty (150) square feet of trench bottom. There must be sufficient yard space to increase the leach line by one hundred (100) percent.

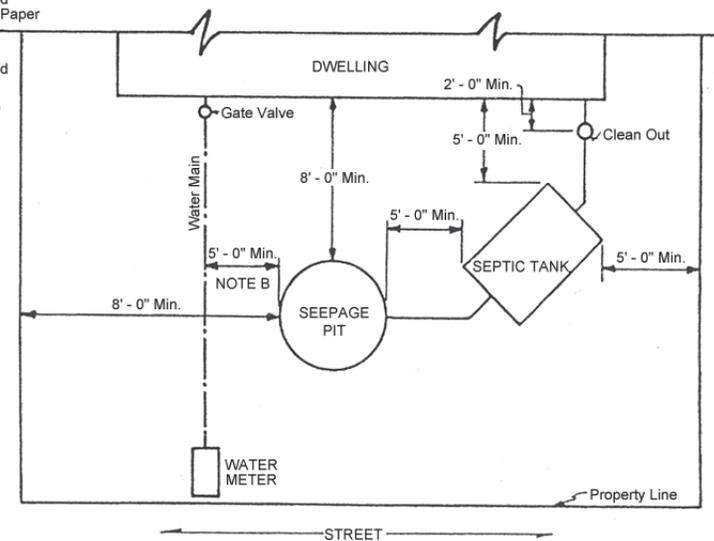
NOTE D: These lines from the distribution box to the leach line area shall be water-tight lines.

SEPTIC TANK SIZE

BEDROOMS	GALLONS
1 or 2	750
3	1,000
4	1,200
5 or 6	1,500



LEACH LINE SYSTEM



SEEPAGE PIT SYSTEM